



**METROPOLITAN  
TRANSPORTATION  
COMMISSION**

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***Memorandum***

TO: Operations Committee

DATE: February 6, 2009

FR: Executive Director

W. I: 1224/1225

RE: 511 Urban Partnership Projects:

- a) 511 Traffic Contract Change Order: 511 Parking & Real-Time Transit: Telvent Farradyne
- b) 511 Transit Contract Amendment: Real-Time Transit & Multi-Modal Trip Planner: bd Systems, Inc.

In August 2007, the USDOT selected MTC, the San Francisco Municipal Transportation Agency (SFMTA), and the San Francisco County Transportation Authority (SFCTA) as grant recipients under the Urban Partnership Program (UPP). Under a grant agreement, MTC will receive \$6 million to pay for five projects, three of which are enhancements to the 511 traveler information service. The three 511 projects (described below) will receive a total of \$4,323,500 in UPP funding. This funding will be used to cover both MTC staff costs and contractor costs for project delivery. We are seeking approval today to add a total of \$3,665,000 to existing 511 contracts, as follows:

**511 Traffic: Telvent Farradyne, Inc.**

Staff recommends negotiating and entering into a contract change order with Telvent Farradyne, MTC's 511 Traffic Contractor, to add contract requirements to complete the following Urban Partnership projects:

- 511 Parking Information (\$330,000): The 511 phone and web system currently provides extremely limited, static parking information about park and ride lots (on the web) and airport parking (on the phone). The 511 Parking Information project will provide parking space availability and pricing information for municipal parking lots in downtown San Francisco on 511 phone and web, MY 511 and in the 511 traffic data feed to private and public sector Information Service Providers (ISPs). The system design will allow for eventual service expansion to parking lots throughout the region.
- 511 Real-time Transit Information (\$745,000): This project will provide greater access to real-time transit information by developing other dissemination outlets through both text messaging and the 511.org transit web site. The contractor will build a phone text feature where users can text requests into 511 to receive a real-time departure prediction for their routes. Telvent will support the data feed to assist bd Systems, who will build the real-time transit web features as described below.

The UPP schedule is very aggressive, and Telvent will need to begin work immediately. Our current 511 Traffic contract expires June 30, 2009, and the procurement for the new contractor is not yet finished. So that UPP work can be completed by the current contractor, and not affected by a potential transition to a new contractor, we recommend extending the existing contract for these tasks only through June 30, 2011 at a cost of \$1,075,000.

### **511 Transit: bd Systems, Inc.**

Staff recommends negotiating and entering into a contract amendment with bd Systems, Inc., MTC's 511 Transit Contractor, to complete the following Urban Partnership projects:

- 511 Real-time Transit Information (\$415,000): Since bd Systems built the transit web page, staff recommends that they develop the real-time transit web features. The features will include a web-based user interface, an application for wireless/mobile devices, and the integration of real-time transit information, such as stop IDs, into the current 511 Transit tools, including the trip planner.
- 511 Multi-modal Trip Planner (\$2,175,000): This project will be based on the work bd Systems completed with the launch of the new transit trip planner last July, which includes separate modules (contract options) for multi-modal trip planning. This UPP project would implement these modules on the web as well as on mobile devices to allow comparisons of traffic and transit trips. This project will also include real-time parking information, as available through the UPP 511 Parking Information project data feed.

Our current 511 Transit contract ends June 30, 2010, with the option to extend the contract for an additional six years in increments of MTC's choosing. We recommend extending the existing contract for the UPP tasks only for two additional years through June 30, 2012 at a cost of \$2,590,000.

### **Recommendation**

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into the following: 1) a contract change order with Telvent Farradyne to add \$1,075,000 for the UPP work described above, and 2) a contract amendment with bd Systems, Inc. to add \$2,590,000 to the 511 Transit (Regional Transit Information System) contract for the UPP work described above. Both contract changes will require extensions for the UPP tasks through June 30, 2011 (Telvent Farradyne) and June 30, 2012 (bd Systems, Inc.) and are subject to cost review and approval by the USDOT's Urban Partnership Program contract administrator.

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Steve Heminger

SH:CK

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## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract Change Order

Work Item No.:	1224
Consultants:	Telvent Farradyne Rockville, Maryland
Work Project Title:	511 Urban Partnership Projects
Purpose of Project:	Add traveler information options to the current 511 phone and web systems to support the congestion pricing of parking in San Francisco and provide enhanced information to stimulate mode shift from single occupancy vehicles.
Brief Scope of Work (this change order):	Design, build, and implement two UPP projects. The first will add parking pricing and availability information to 511 phone, web, MY 511, and to the 511 third party data feed. The second project will add the ability to text requests to 511 for real-time transit departure predictions. Completion date = June 30, 2011.
Project Cost Not to Exceed:	\$1,075,0000 – this amendment (current 511 Traffic contract = \$5,928,184)
Funding Source:	ITS-OTMC (Intelligent Transportation Systems Operational Testing to Mitigate Congestion), SAFE already amended into MTC's FY 2008/09 Agency Budget.
Fiscal Impact:	None, subject to successful negotiation of the ITS OTMC funding agreement.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract change order with Telvent Farradyne, Inc. for UPP work described in the Operations Committee memo, and the Chief Financial Officer is directed to set aside \$1,075,000 for such change order subject to cost review and approval by the USDOT's Urban Partnership Program contract administrator.

Operations  
Committee:

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Sue Lempert, Chair

Approved:

Date: 2/13/09

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract Amendment

Work Item No.:	1225
Consultants:	bd Systems, Inc. (Torrance, California) a wholly owned subsidiary of SAIC (San Diego, California)
Work Project Title:	511 Urban Partnership Projects
Purpose of Project:	Provide a web-based and mobile-based multi-modal tool. Phase I will provide a tool for static transit and traffic trip planning. Phase II will integrate real-time traffic, transit and parking information into the multi-modal tool.
Brief Scope of Work (this amendment):	Design, build, and implement a multi-modal tool on the web and on mobile devices.
Project Cost Not to Exceed:	\$2,590,000 for this amendment; (previous contract amount for FY 2006-10 = \$13,081,970.)
Funding Source:	ITS-OTMC (Intelligent Transportation Systems Operational Testing to Mitigate Congestion), STP, SAFE, STA already amended into MTC's FY 2008/09 Agency Budget.
Fiscal Impact:	None, subject to successful negotiation of the ITS OTMC funding agreement.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with bd Systems, Inc., to add \$2,590,000 for UPP work described in the Operations Committee memo, and the Chief Financial Officer is directed to set aside \$2,590,000 for such amendment subject to cost review and approval by the USDOT's Urban Partnership Program contract administrator.
Operations Committee:	<hr/> Sue Lempert, Chair
Approved:	Date: 2/13/09